

Granger Dam and Granger Lake

OWNER

The U.S. Government. Operated by the U.S. Army Corps of Engineers, Fort Worth District.

ENGINEER (Design)

U.S. Army Corps of Engineers, Fort Worth District.

LOCATION

On the San Gabriel River in Williamson County, about 10 miles northeast of Taylor.

DRAINAGE AREA

709 square miles, (463 square miles incremental).

DAM

Type	Earthfill
Length (including spillway)	16,320 ft
Maximum height	115 ft
Top width	30 ft

SPILLWAY

Type	Uncontrolled ogee
Length	950 ft
Crest elevation	528.0 ft above msl

OUTLET WORKS

Type	Conduit, 18 ft diameter
Control	2 slide gates, each 8 by 18 ft t
Invert elevation	457.0 ft above msl

LOW FLOW OUTLETS (discharges to flood control conduit)

Number to wet well	3
Invert elevations	502.0, 494.0, and 486.0 ft above msl
Control	3 slide gates, each 3 by 4 ft
Number from wet well	1
Invert elevation	486.0 ft above msl
Control	1 slide gate, 2 by 4 ft

AUTHORIZATION

Federal:	Flood Control Act of 1954 modified by the Flood Control Act of 1962, approved October 23, 1962.
State:	The Brazos River Authority will contract for the water supply. Permit No. 2366 Application No. 2573

RESERVOIR DATA

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	555.0	—	21,000
Maximum design water surface	549.3	561,100	18,820
Spillway crest	528.0	244,200	11,040
Top of conservation pool	504.0	65,500	4,400
Streambed	440.0	—	—
Sediment reserve below	504.0	27,600	—
Sediment reserve above	504.0	16,500	—

GENERAL

Construction started	1972
Estimated completion	1977
Impoundment of water estimated to begin	1977
Estimated cost*	\$52,300,000

